

# **THIS PAGE IS INSERTED BY OIPE SCANNING**

**IMAGES WITHIN THIS DOCUMENT ARE BEST AVAILABLE COPY AND CONTAIN DEFECTIVE IMAGES SCANNED FROM ORIGINALS SUBMITTED BY THE APPLICANT.**

**DEFECTIVE IMAGES COULD INCLUDE BUT ARE NOT LIMITED TO:**

**BLACK BORDERS**

**TEXT CUT OFF AT TOP, BOTTOM OR SIDES**

**FADED TEXT**

**ILLEGIBLE TEXT**

**SKEWED/SLANTED IMAGES**

**COLORED PHOTOS**

**BLACK OR VERY BLACK AND WHITE DARK PHOTOS**

**GRAY SCALE DOCUMENTS**

**IMAGES ARE BEST AVAILABLE COPY.  
RESCANNING DOCUMENTS *WILL NOT*  
CORRECT IMAGES.**

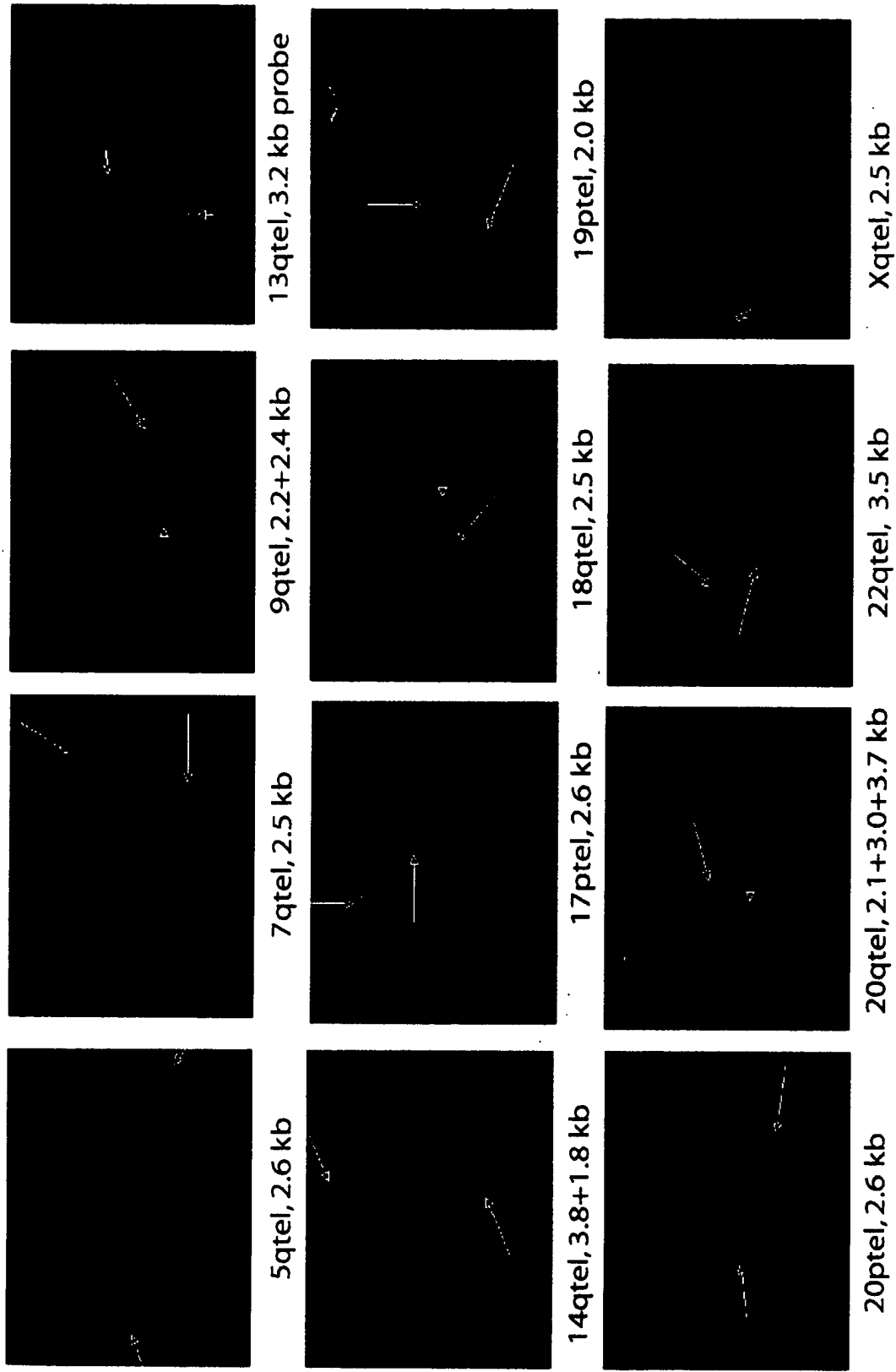


Fig. 1

5 qtet, 2.6 kb

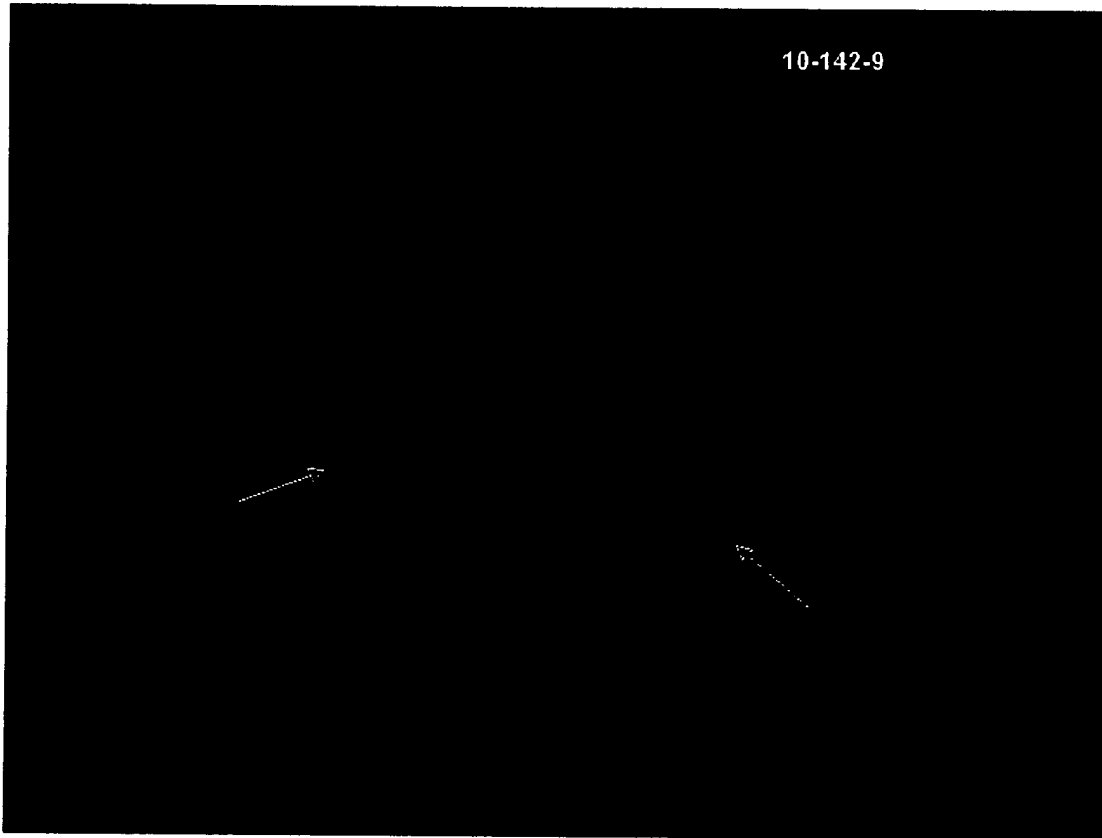


Fig. 2

BEST AVAILABLE COPY

7qtel, 2.5kb

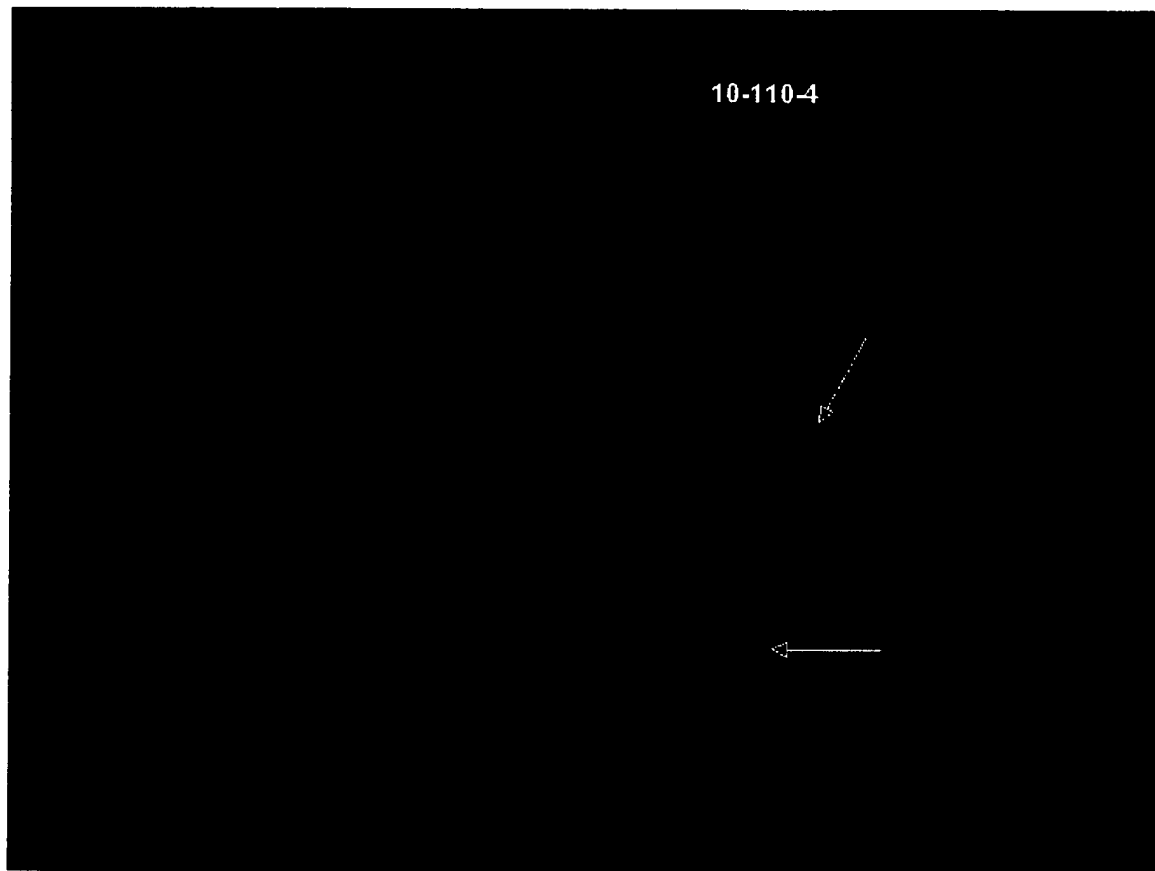


Fig. 3

BEST AVAILABLE COPY

9qtel  
2.2+2.4 kb

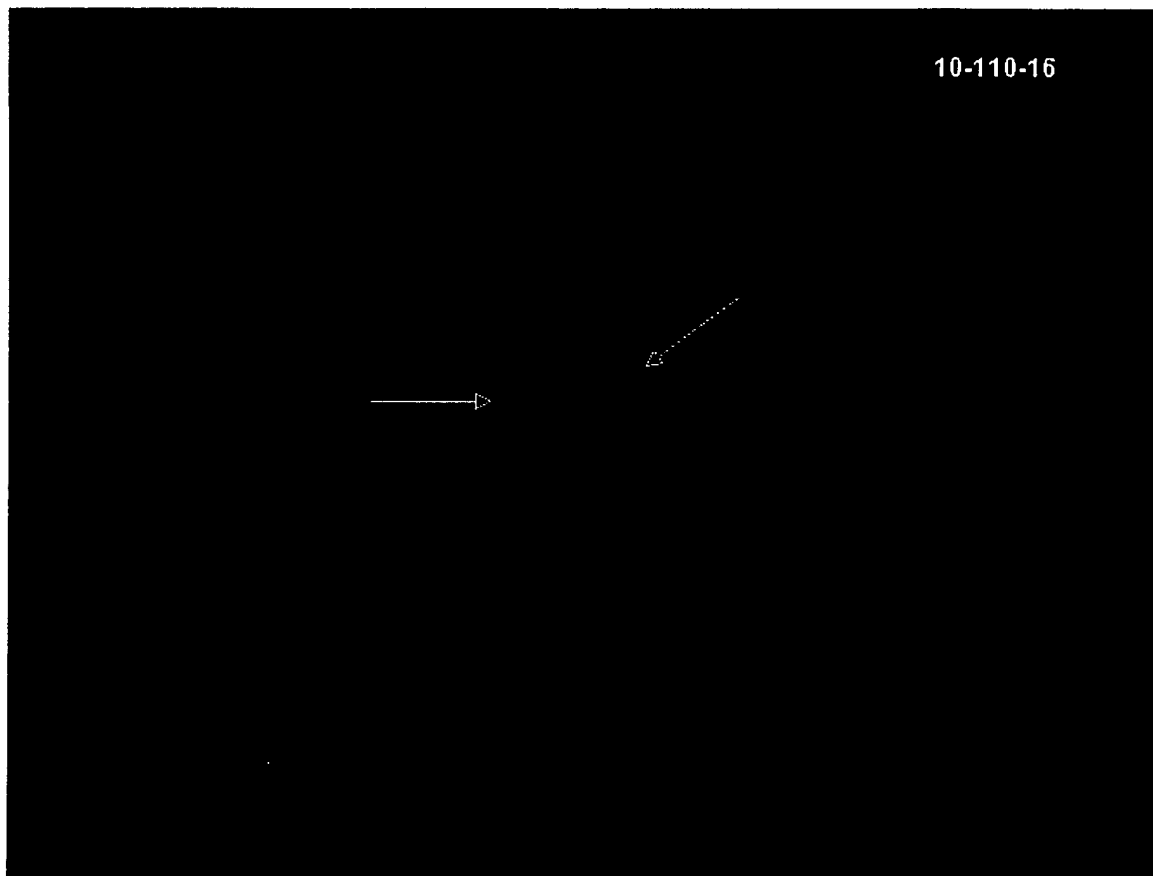


Fig. 4

BEST AVAILABLE COPY

chr13q 3.2kb

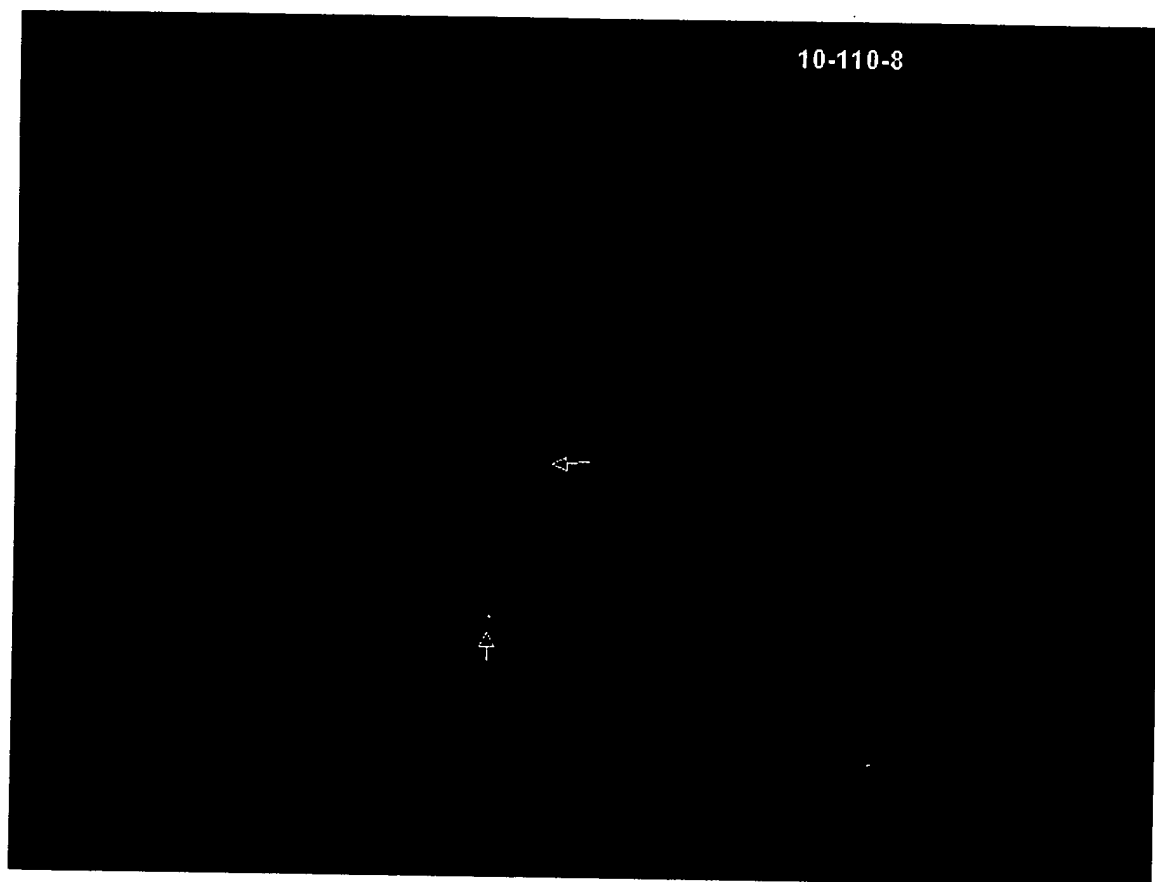


Fig. 5

BEST AVAILABLE COPY

14qtel

3.8+1.8 kb

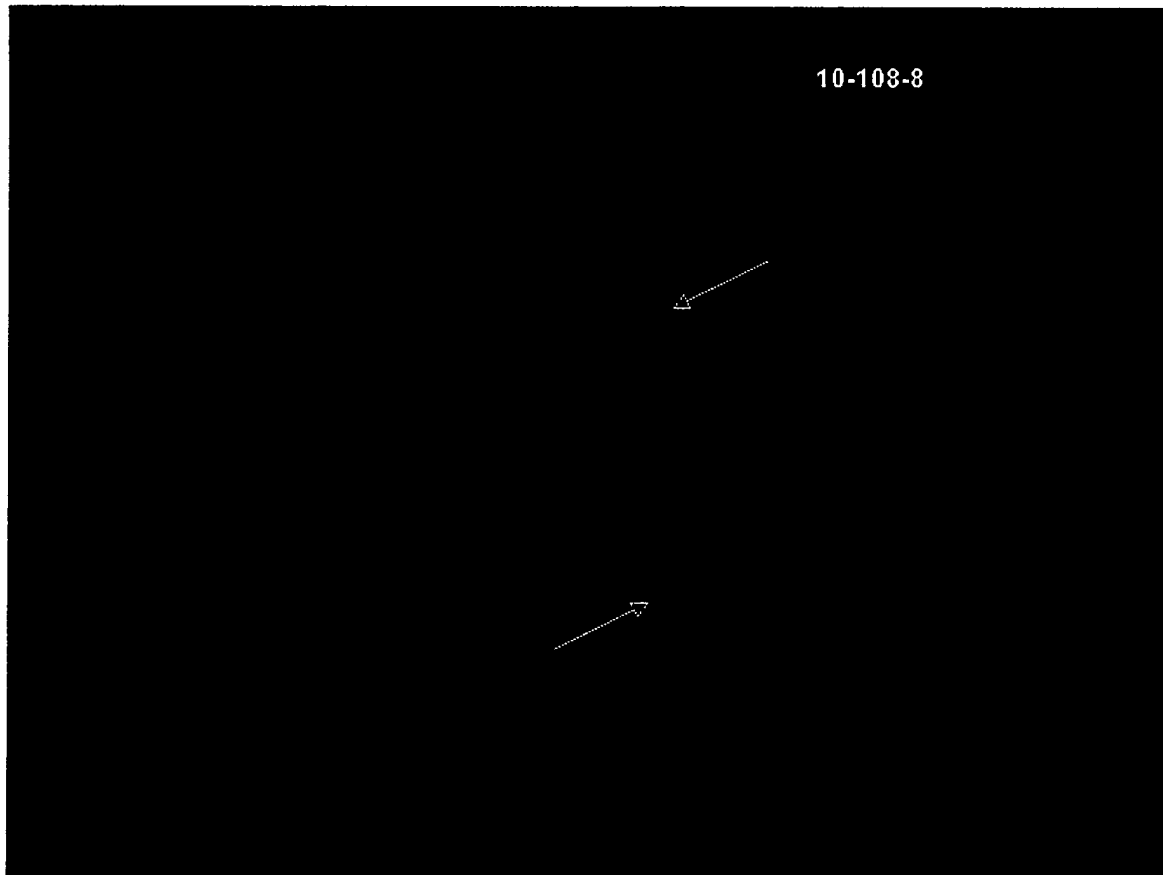


Fig. 6

BEST AVAILABLE COPY

17ptel 2.6kb

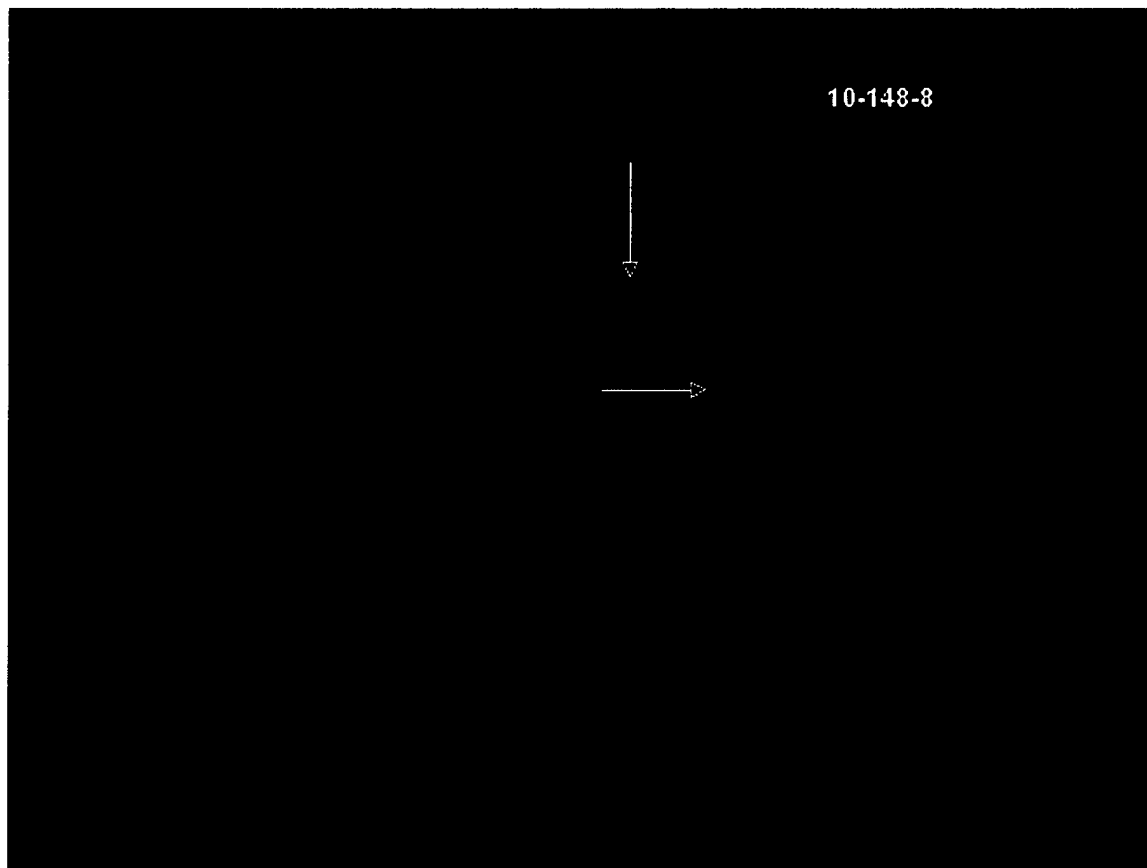


Fig. 7

BEST AVAILABLE COPY



18qtel 2.5 kb

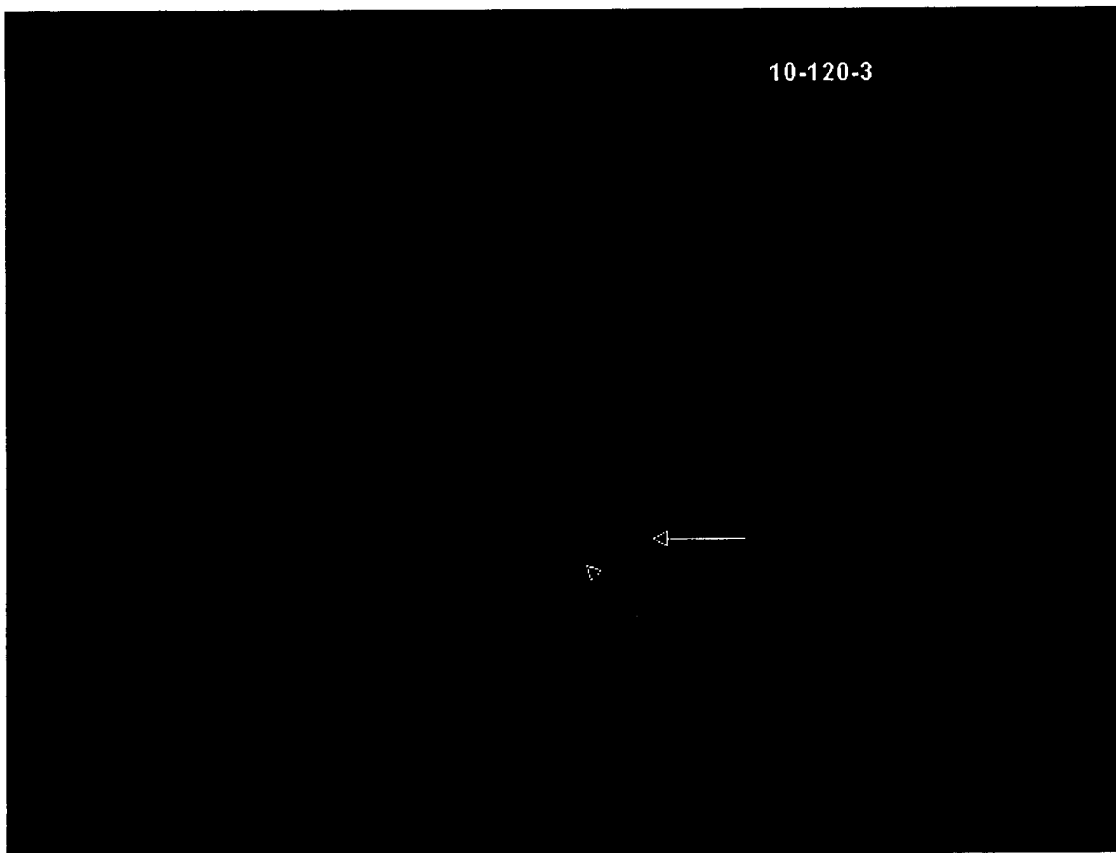


Fig. 8

BEST AVAILABLE COPY

19qtel 2.0 kb

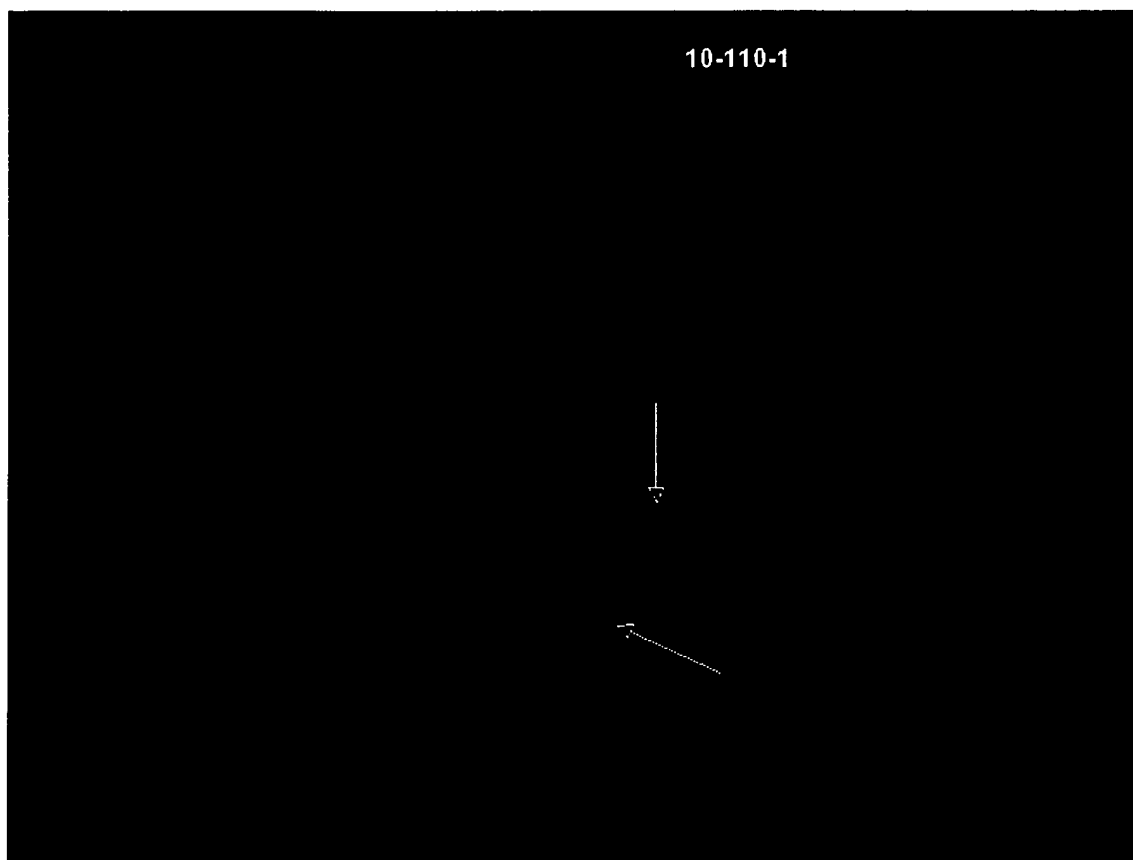
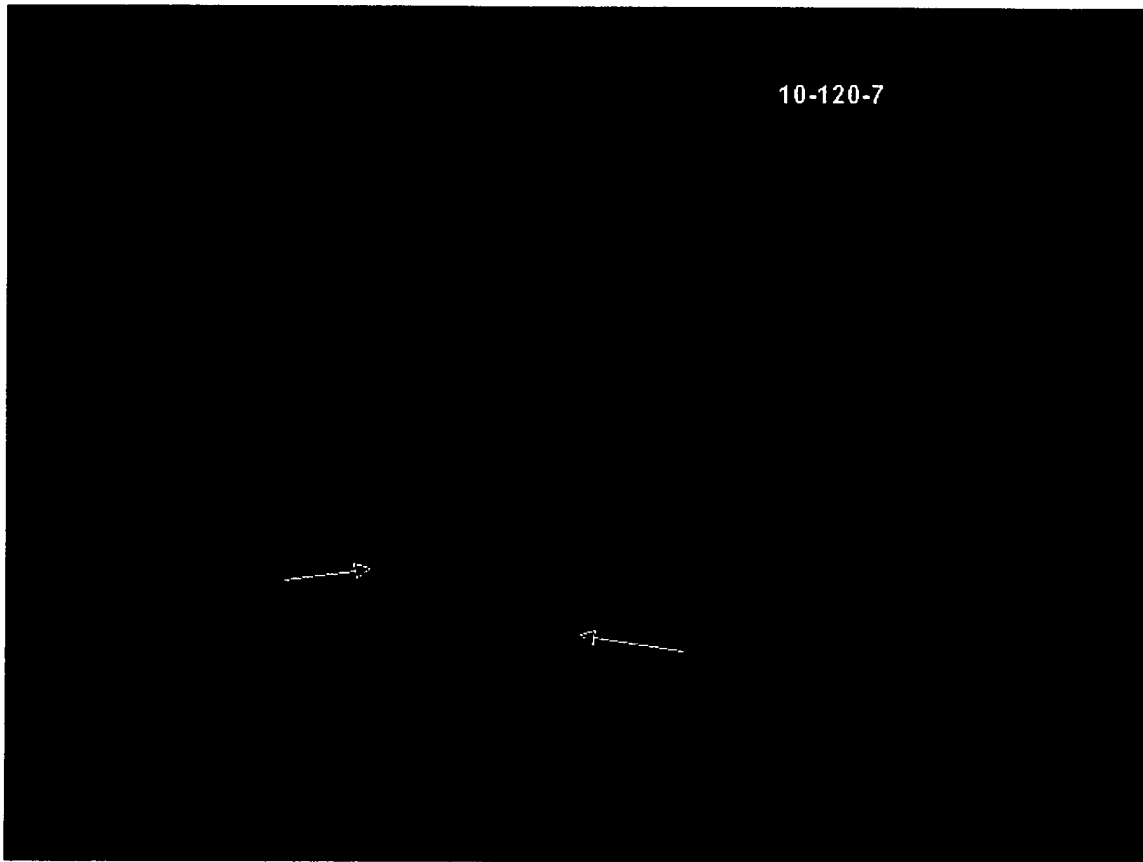


Fig. 9

BEST AVAILABLE COPY

20ptel 2.6 kb



10-120-7

Fig. 10

BEST AVAILABLE COPY

20qtel

2.1+3.0+3.7kb

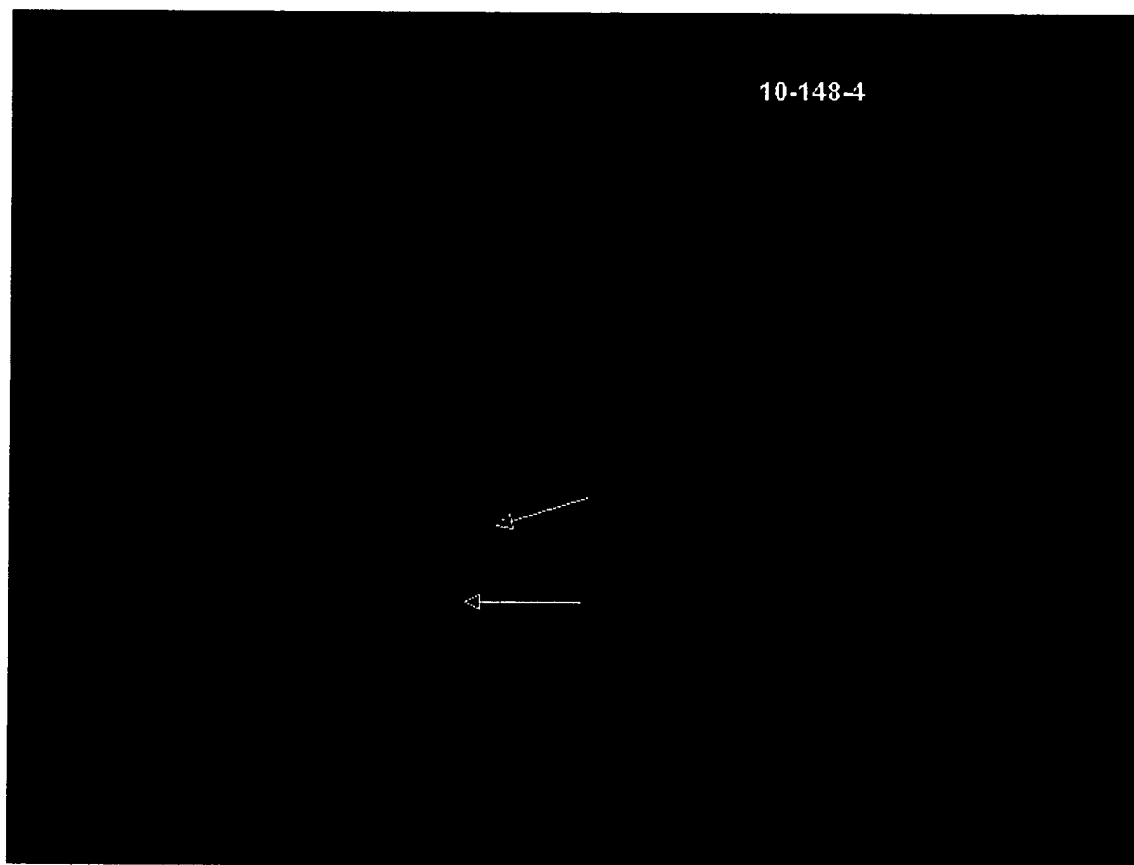


Fig. 11

BEST AVAILABLE COPY

22qtel 3.5 kb

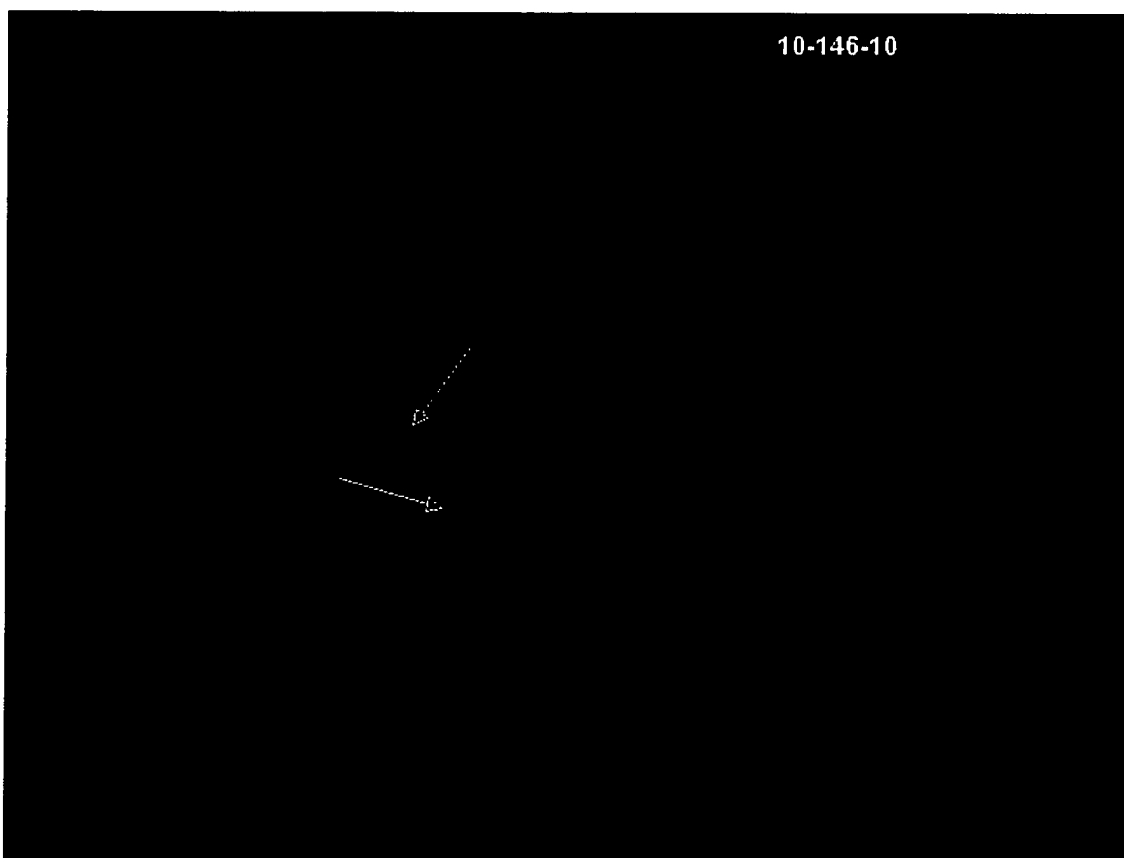


Fig. 12

BEST AVAILABLE COPY

xqtel, 2.5 kb

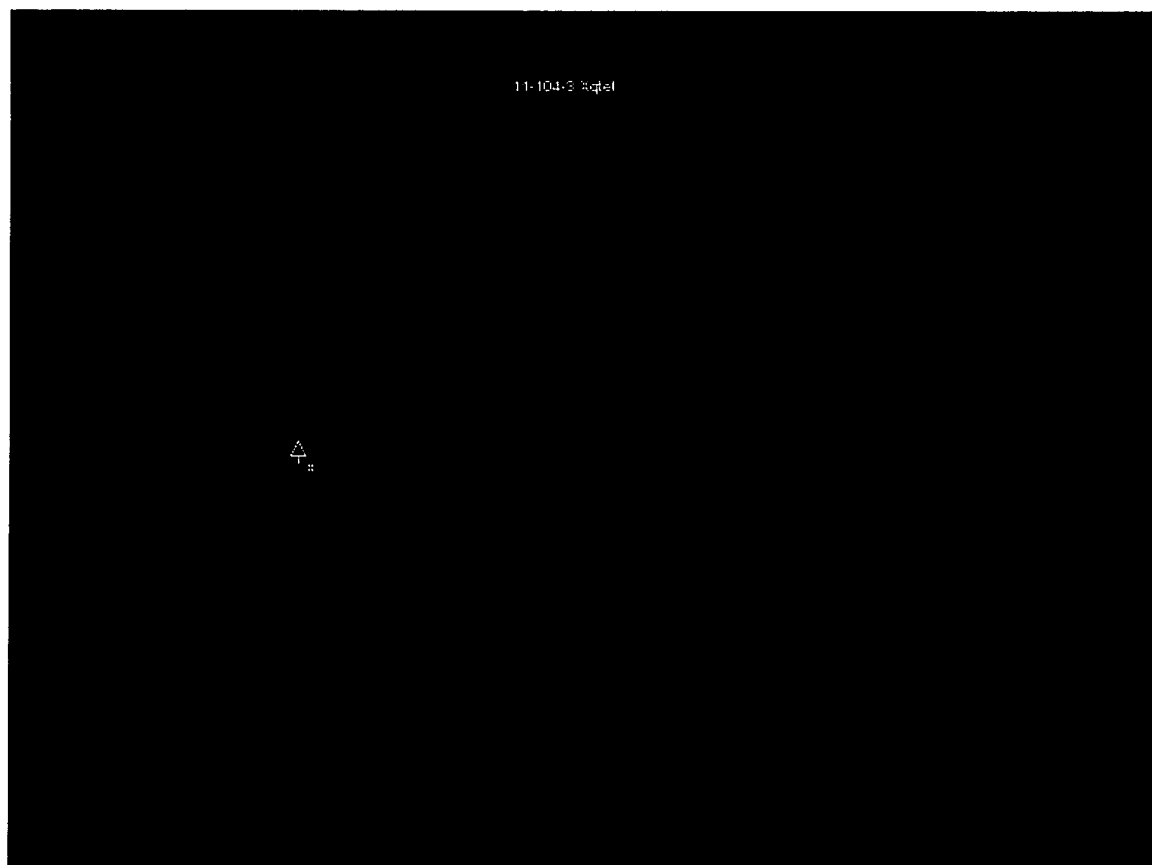


Fig. 13

BEST AVAILABLE COPY

19qtel 2.3 kb

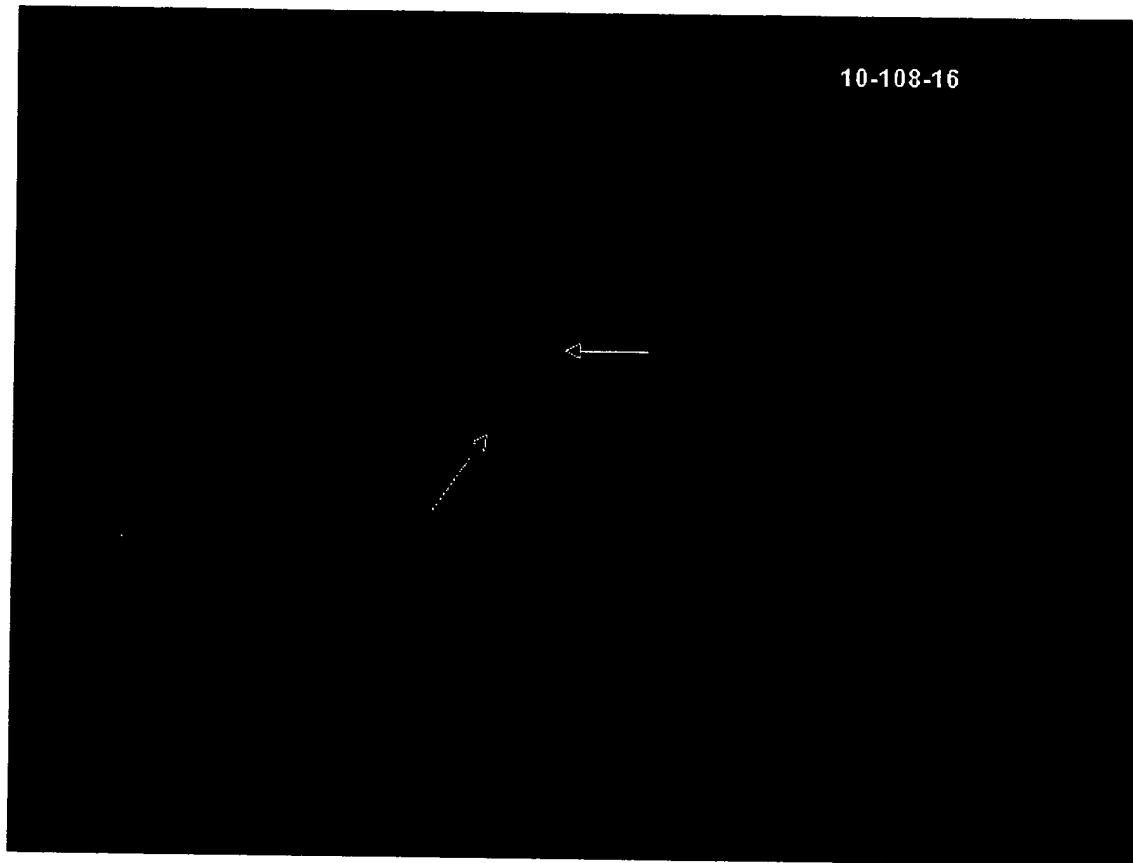


Fig. 14

BEST AVAILABLE COPY

Selected hybridizations of subtelomeric scFISH probes

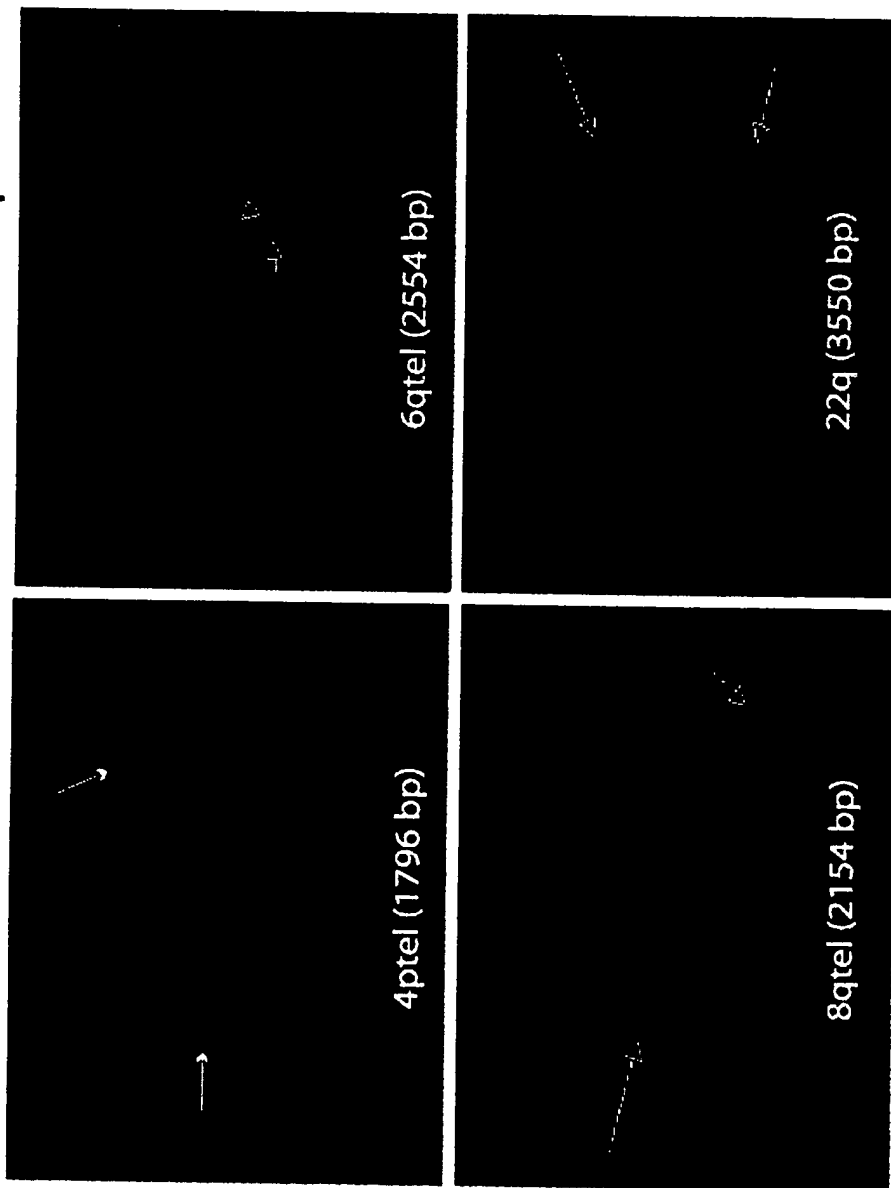


Fig. 15



# Structure of Chromosome Ends

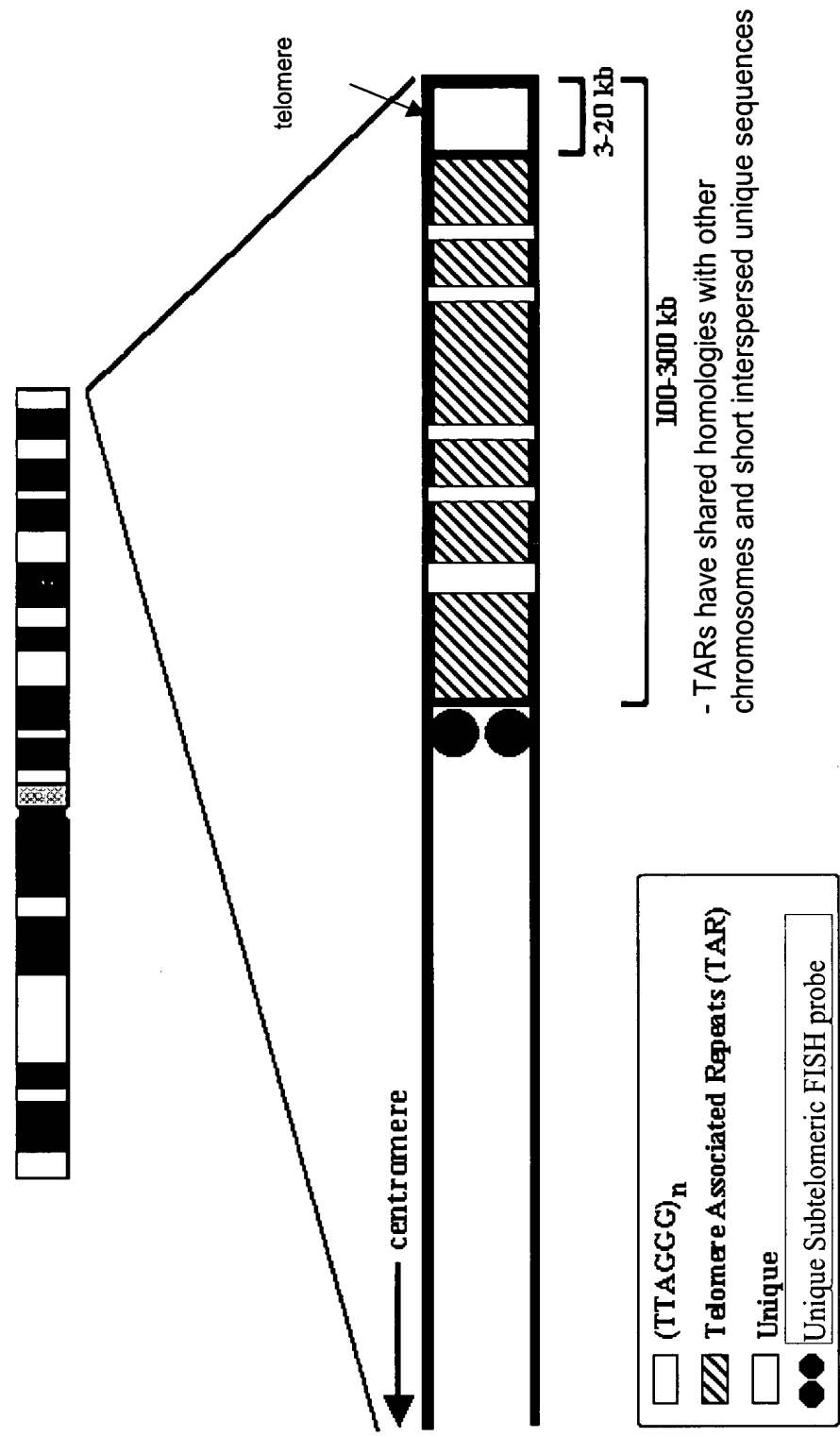


Fig. 16

# Localization of Chromosome 13q tel Probes in Genome Sequence

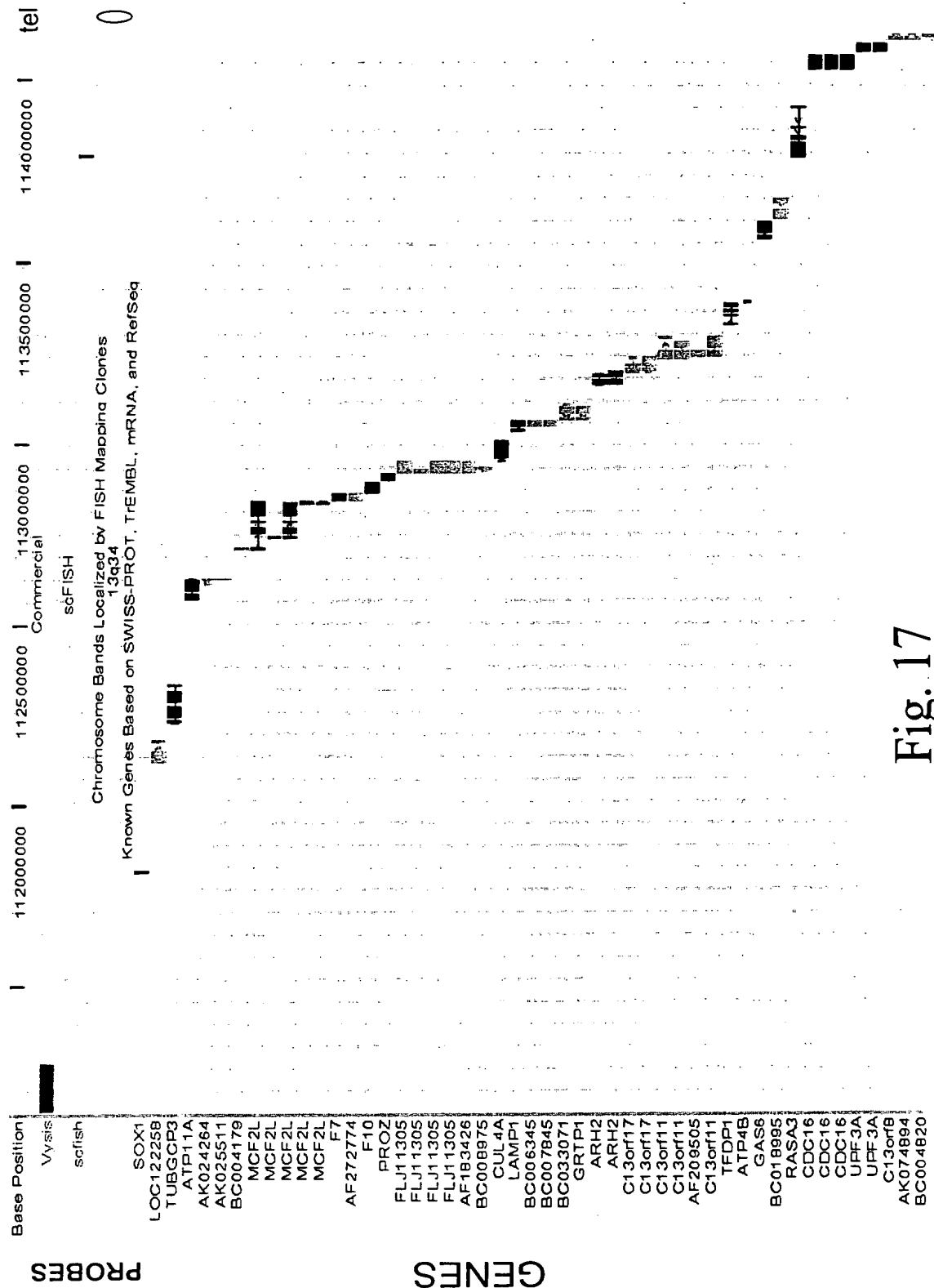
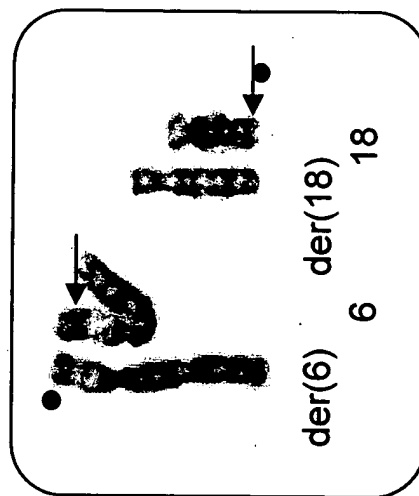
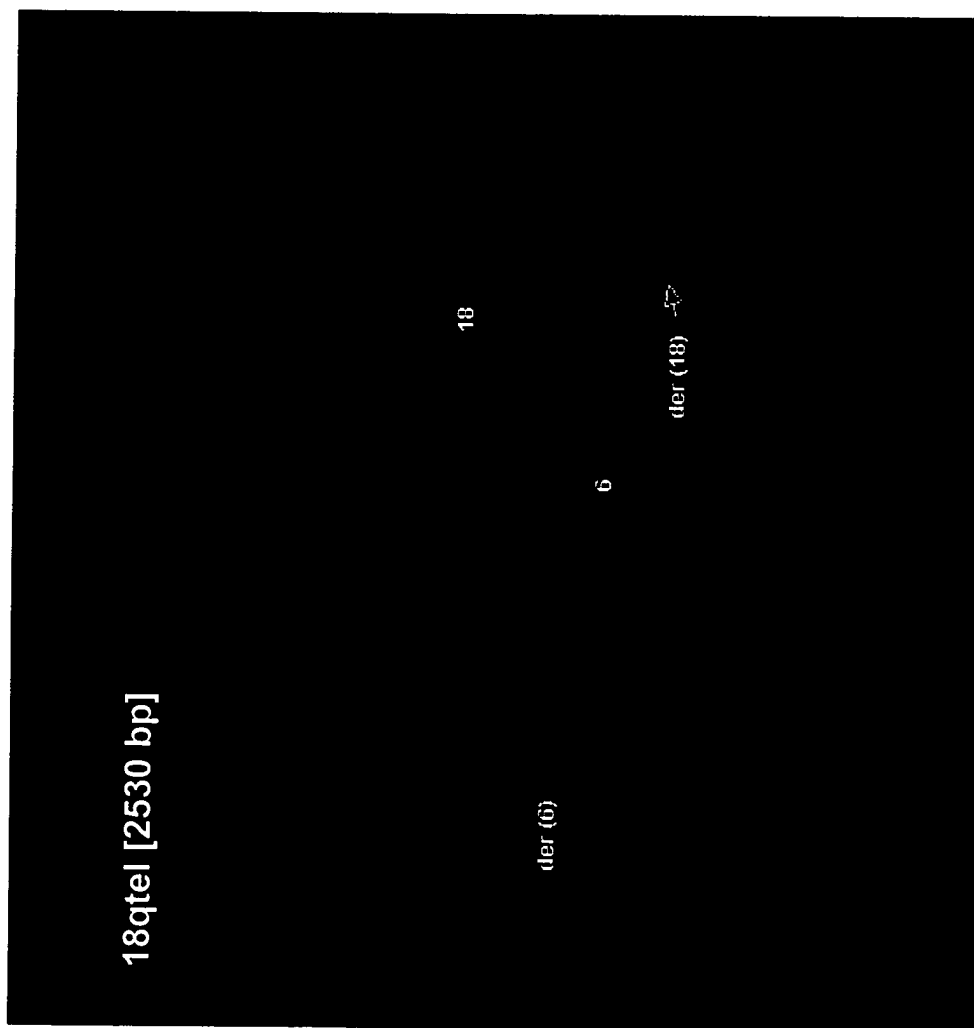


Fig. 17

# Chromosome18qtel scFISH Probe Hybridized to an Abnormal Metaphase



t(6;18)(p23;q23)

Fig. 18

scFISH Subtelomeric Probes for Chromosomes 14q & 3p Hybridized to  
Normal Metaphase Cells

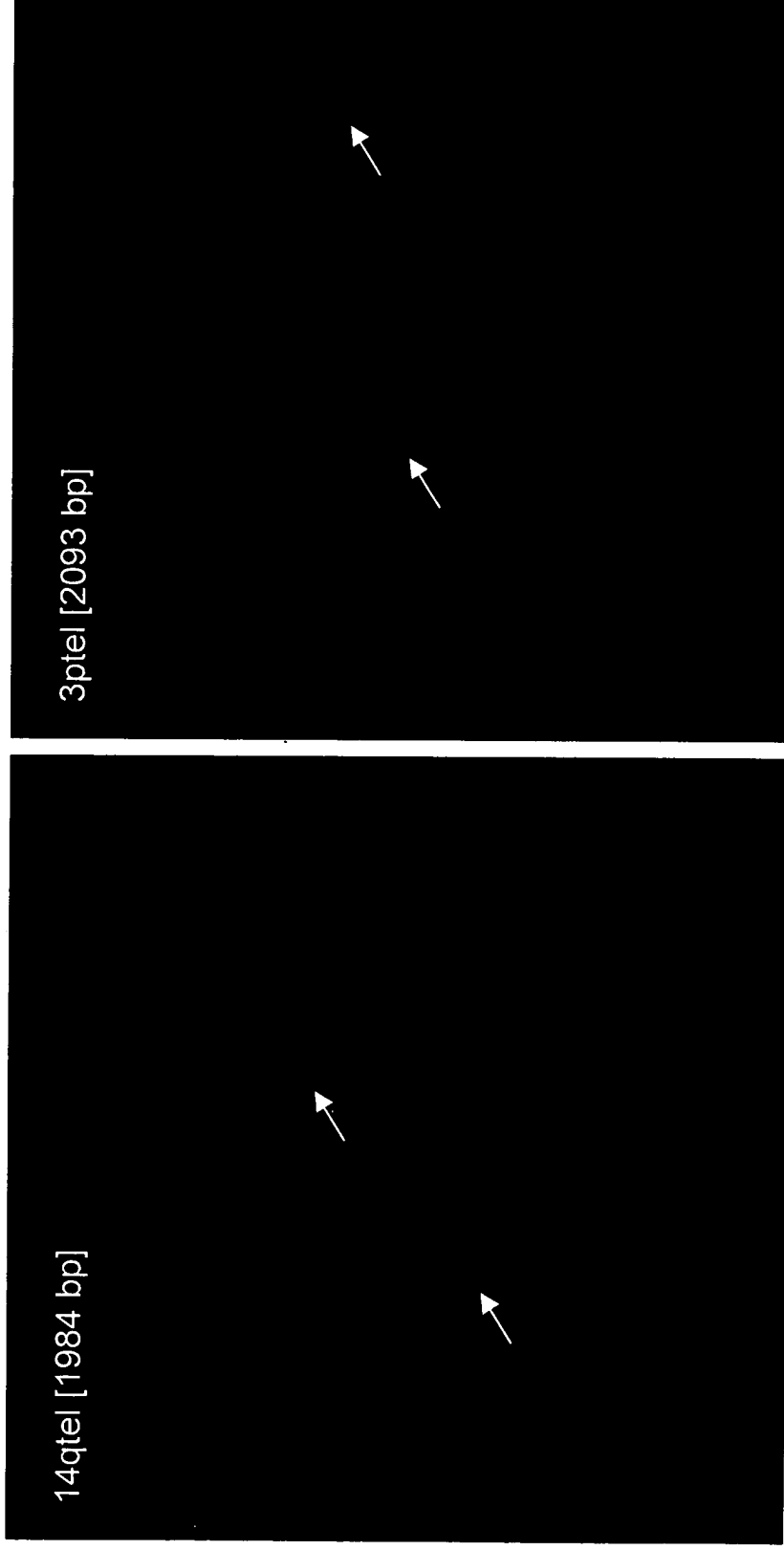


Fig. 19

BEST AVAILABLE COPY